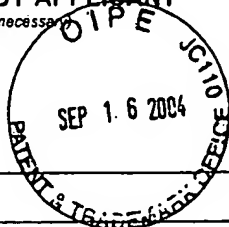


Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)



Complete if Known

Application Number	10/830,189
Filing Date	April 21, 2004
First Named Inventor	Kelleher, Brian
Group Art Unit	3736
Examiner Name	Unknown

Sheet 1 of 4

Attorney Docket No: 80100.028US2

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
<i>BS</i>	US-20020007129A 1	01/17/2002	Marino, J. F.	600	546	06/08/2001
	US-20020072686A 1	06/13/2002	Hoey, M., et al.	600	547	05/18/2001
	US-2,704,064	03/15/1955	Fizzell, J. A., et al.	128	2.1	09/10/1952
	US-3,364,929	01/23/1968	Ide, W. S., et al.	128	172.1	12/21/1964
	US-3,664,329	05/23/1972	Naylor, R. N.	128	2.1 R	03/09/1970
	US-3,682,162	08/08/1972	Colyer, J. E.	128	2.1 R	12/04/1969
	US-3,785,368	01/15/1974	McCarthy, T. M., et al.	128	2.1 Z	08/23/1971
	US-3,830,226	08/20/1974	Staub, D. E., et al.	128	2.1 R	06/15/1973
	US-3,957,036	05/18/1976	Normann, N. A.	128	2.1 R	02/03/1975
	US-4,099,519	07/11/1978	Warren, F. E.	128	2.1 R	01/14/1977
	US-4,207,897	06/17/1980	Lloyd, J. W., et al.	128	303.1	07/13/1977
	US-4,224,949	09/30/1980	Scott, Norman R., et al.	128	734	11/17/1977
	US-4,235,242	11/25/1980	Howson, David C., et al.	128	695	04/02/1979
	US-4,285,347	08/25/1981	Hess, S. R.	128	785	07/25/1979
	US-4,291,705	09/29/1981	Severinghaus, John W., et al.	600	546	09/10/1979
	US-4,515,168	05/07/1985	Chester, M. H., et al.	128	741	07/22/1983
	US-4,519,403	05/28/1985	Dickhudt, E. A.	128	785	04/29/1983
	US-4,545,374	10/08/1985	Jacobson, R. E.			09/03/1982
	US-4,561,445	12/31/1985	Berke, Joseph, et al.	128	642	05/25/1983
	US-4,592,369	06/03/1986	Davis, Graham R., et al.	128	733	07/08/1983
	US-4,595,018	06/17/1986	Rantala, B.	128	733	06/06/1984
	US-4,633,889	01/06/1987	Talalla, A.	128	784	12/12/1984
	US-4,658,835	04/21/1987	Pohndorf, P. J.	128	785	07/25/1985
	US-4,744,371	05/17/1988	Harris, D. L.	607	117	04/27/1987
	US-4,759,377	07/26/1988	Dykstra, Dennis D.	128	733	11/26/1986
	US-4,807,642	02/28/1989	Brown, David A.	128	733	04/10/1987
	US-4,892,105	01/09/1990	Prass, R. L.	128	741	01/11/1988
	US-4,926,865	05/22/1990	Oman, P. S.	128	421	01/17/1989
	US-4,964,411	10/23/1990	Johnson, Michael T., et al.	128	733	07/13/1989
<i>BS</i>	US-5,007,902	04/16/1991	Witt, H.	604	117	02/22/1989

EXAMINER

Brian Smed

DATE CONSIDERED

5-8-06

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Complete if Known

Application Number	10/830,189
Filing Date	April 21, 2004
First Named Inventor	Kelleher, Brian
Group Art Unit	3736
Examiner Name	Unknown

Sheet 2 of 4

Attorney Docket No: 80100.028US2

B	US-5,058,602	10/22/1991	Brody, Stanley R.	128	733	10/04/1989
	US-5,081,990	01/21/1992	Deletis, Vedran	128	642	05/11/1990
	US-5,092,344	03/03/1992	Lee, T.	128	741	11/19/1990
	US-5,127,403	07/07/1992	Brownlee, Robert R.	128	419 P	08/21/1990
	US-5,161,533	11/10/1992	Prass, Richard L., et al.	128	639	09/19/1991
	US-5,255,691	10/26/1993	Otten, L. M.	607	117	11/13/1991
	US-5,282,468	02/01/1994	Klepinski, R. J.	128	642	01/08/1992
	US-5,284,154	02/08/1994	Raymond, S. A., et al.	128	741	10/23/1992
	US-5,312,417	05/17/1994	Wilk, Peter	606	114	07/29/1992
	US-5,313,956	05/24/1994	Knutsson, E., et al.	128	741	08/04/1992
	US-5,327,902	07/12/1994	Lemmen, R. D.	128	734	05/14/1993
	US-5,333,618	08/02/1994	Lekhtman, G., et al.	128	734	06/30/1993
	US-5,375,067	12/20/1994	Berchin, G. J.	364	487	12/11/1992
	US-5,383,876	01/24/1995	Nardella, Paul	606	49	03/22/1994
	US-5,482,038	01/09/1996	Ruff, L. H.	128	642	06/28/1994
	US-5,540,235	07/30/1996	Wilson, J. R.	128	741	06/30/1994
	US-5,549,656	08/27/1996	Reiss, H. W.	607	48	05/15/1995
	US-5,560,372	10/01/1996	Cory, P. C.	128	741	02/02/1994
	US-5,566,678	10/22/1996	Cadwell, J. A.	128	731	01/05/1995
	US-5,579,781	12/03/1996	Cooke, Thomas H.	128	733	10/13/1994
	US-5,593,429	01/14/1997	Ruff, L. H.	607	116	06/28/1994
	US-5,630,813	05/20/1997	Kieturakis, M. J.	606	46	12/08/1994
	US-5,671,752	09/30/1997	Sinderby, Christer, et al.	128	733	03/31/1995
	US-5,707,359	01/13/1998	Bufalini, Bruno	604	104	11/14/1995
	US-5,711,307	01/27/1998	Smits, Matthijs P.	128	733	04/13/1995
	US-5,797,854	08/25/1998	Hedgecock, J. L.	600	554	08/01/1995
	US-5,814,073	09/29/1998	Bonutti, Peter	606	232	12/13/1996
	US-5,830,151	11/03/1998	Hadzic, A., et al.	600	554	11/26/1997
	US-5,851,191	12/22/1998	Gozani, S. N.	600	554	07/01/1997
	US-5,853,373	12/29/1998	Griffith, R. L., et al.	600	554	08/05/1996
	US-5,885,219	03/23/1999	Nightengale, C.	600	461	10/21/1997
	US-5,888,196	03/30/1999	Bonutti, Peter M.	600	204	06/05/1995
	US-5,928,158	07/01/1999	Aristides, A.	600	547	03/25/1997
	US-5,976,094	11/02/1999	Gozani, S. N., et al.	600	483	02/12/1998
	US-6,004,262	12/21/1999	Putz, D. A., et al.	600	114	05/04/1998
	US-6,027,456	02/22/2000	Feler, C. A., et al.	600	554	07/10/1998
	US-6,038,477	03/14/2000	Kayyali, H. A.	607	72	12/23/1998
	US-6,050,992	04/18/2000	Nichols, C.	606	41	05/19/1997
	US-6,104,957	08/15/2000	Alo, K. M., et al.	607	46	08/21/1998
B	US-6,132,386	10/17/2000	Gozani, S. N., et al.	600	554	03/16/1999

EXAMINER

Brian Kelleher

DATE CONSIDERED

5-8-06

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

Application Number	10/830,189
Filing Date	April 21, 2004
First Named Inventor	Kelleher, Brian
Group Art Unit	3736
Examiner Name	Unknown

Sheet 3 of 4

Attorney Docket No: 80100.028US2

78	US-6,132,387	10/17/2000	Gozani, S. N., et al.	600	554	03/16/1999
	US-6,135,965	10/24/2000	Tumer, K., et al.	600	476	12/02/1996
	US-6,146,335	11/14/2000	Gozani, S. N.	600	554	03/16/1999
	US-6,161,047	12/12/2000	King, G. W., et al.	607	62	04/30/1998
	US-6,224,549	05/01/2001	Drongelen, W. V.	600	300	04/20/1999
	US-6,259,945	07/10/2001	Epstein, R., et al.	600	547	04/30/1999
	US-6,292,701	09/01/2001	Prass, R. L., et al.	607	116	07/29/1999
	US-6,312,392	11/01/2001	Herzon, G. D.	600	554	04/06/2000
	US-6,466,817	10/01/2002	Kaula, N. F., et al.	600	546	06/08/2000
	US-6,500,128	12/31/2002	Marino, J. F.	600	554	06/08/2001
	US-6,564,078	05/13/2003	Marino, J. F., et al.	600	373	06/04/1999
78	US-R, E34,390	09/28/1993	Culver, N. D.	128	731	02/28/1991

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
78	WO-0066217A1	11/09/2000	Epstein, R., et al.	A61N	1/36	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
78		BOSE, Bikash, et al., "Neurophysiologic Monitoring of Spinal Nerve Root Function During Instrumented Posterior Lumbar Spine Surgery", <u>Spine</u> , 27(13), (2002), 1444-1450	
		CALANCIE, Blair, et al., "Stimulus-Evoked EMG Monitoring During Transpedicular Lumbosacral Spine Instrumentation", <u>Spine</u> , 19(24), (1994), 2780-2786	
		CLEMENTS, David, et al., "Evoked and Spontaneous Electromyography to Evaluate Lumbosacral Pedicle Screw Placement", <u>Spine</u> , 21(5), (1996), 600-604	
		FORD, Douglas, et al., "Electrical Characteristics of Peripheral Nerve Stimulators Implications for Nerve Localization", <u>Regional Anesthesia</u> , 9, (1984), 73-77	
		GLASSMAN, Steven, et al., "A Prospective Analysis of Intraoperative Electromyographic Monitoring of Pedicle Screw Placement With Computed Tomographic Scan Confirmation", <u>Spine</u> , 20(12), (1995), 1375-1379	
		GREENBLATT, Gordon, et al., "Needle Nerve Stimulator-Locator: Nerve Blocks with a New Instrument for Locating Nerves", <u>Anesthesia & Analgesia</u> , 41(5), (1962), 599-602	
		HOLLAND, Neil, "Intraoperative Electromyography During Thoracolumbar Spinal Surgery", <u>Spine</u> , 23(17), (1998), 1915-1922	
		LENKE, Lawrence et al., "Triggered Electromyographic Threshold for Accuracy of Pedicle Screw Placement", <u>Spine</u> , 20 (14), (1995), 1585-1591	
78		MAGUIRE, J., et al., "Evaluation of Intrapedicular Screw Position Using Intraoperative Evoked Electromyography", <u>Spine</u> , 20(9), (1995), 1068-1074	

EXAMINER

Brian Smith

DATE CONSIDERED

5-8-06

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Complete if Known</i></td> </tr> <tr> <td style="width: 50%;">Application Number</td> <td>10/830,189</td> </tr> <tr> <td>Filing Date</td> <td>April 21, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Kelleher, Brian</td> </tr> <tr> <td>Group Art Unit</td> <td>3736</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> </table>	<i>Complete if Known</i>		Application Number	10/830,189	Filing Date	April 21, 2004	First Named Inventor	Kelleher, Brian	Group Art Unit	3736	Examiner Name	Unknown
<i>Complete if Known</i>													
Application Number	10/830,189												
Filing Date	April 21, 2004												
First Named Inventor	Kelleher, Brian												
Group Art Unit	3736												
Examiner Name	Unknown												
Sheet 4 of 4	Attorney Docket No: 80100.028US2												

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BS		MARTIN, David, et al., "Initiation of Erection and Semen Release by Rectal Probe Electrostimulation (RPE)", <u>The Williams & Wilkins Co.</u> , (1983),637-642	
		PITHER, Charles, et al., ""The Use of Peripheral Nerve Stimulators for Regional Anesthesia: Review of Experimental Characteristics, Technique, and Clinical Applications""", <u>Regional Anesthesia</u> , (1985),10:47-53	
		RAJ, P., et al., "Infraclavicular Brachial Plexus Block - A New Approach", <u>Anesthesia and Analgesia</u> , (52)6, (1973),897-904	
		RAJ, P., et al., "The Use of Peripheral Nerve Stimulators For Regional Anesthesia", <u>Clinical Issues In Regional Anesthesia</u> , 1 (4), (1985),1-6	
		RAJ, P., et al., "Use of The nerve Stimulator of Peripheral Blocks", <u>Regional Anesthesia</u> , (apr-jun 1980),14-21	
		RAYMOND, Stephen, et al., "The Nerve Seeker: A System for Automated Nerve Localization", <u>Regional Anesthesia</u> , 17(3), (1992),151-162	
		SHAFIK, Ahmed, "Cavernous Nerve Simulation through an Extrapelvic Subpubic Approach: Role in Pencil Erection", <u>Eur. Urol</u> , 26, (1994),98-102	
B		TOLEIKIS, J., et al., "The Usefulness of Electrical Stimulation for Assessing Pedicle Screw Replacements", <u>Journal of Spinal Disorder</u> , 13(4), (2000),283-289	

EXAMINER

Brian Savel

DATE CONSIDERED

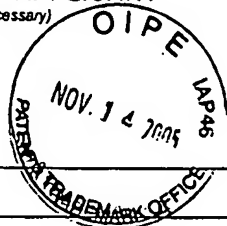
5-8-06

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/830,189
Filing Date	April 21, 2004
First Named Inventor	Kelleher, Brian
Group Art Unit	3736
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 028US2

US PATENT DOCUMENTS

Examiner Initial*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
BS	US-1548184	08/04/1925	Cameron, W. J.	04/11/1923
	US-20050004623A1	01/06/2005	Miles, P. et al.	04/30/2004
	US-20050075578A1	04/07/2005	Gharib, J. et al.	03/25/2004
	US-20050182454A1	08/18/2005	Gharib, J. et al.	01/09/2004
	US-2808826	10/08/1957	Reiner, S. et al.	01/19/1956
	US-4164214	08/14/1979	Stark, M. M., et al.	07/25/1977
	US-4461300	07/24/1984	Christensen, J. M.	01/18/1982
	US-5480440	01/02/1996	Kambin, P.	07/07/1993
	US-5728046	03/17/1998	Mayer, H. M., et al.	03/18/1996
	US-5759159	06/01/1998	Masreliez, C. J.	
	US-5785658	07/28/1998	Benaron	
	US-5862314	01/19/1999	Jeddeloh	
	US-5872314	02/16/1999	Clinton	
	US-5928139	07/27/1999	Koros, T. B.	07/08/1998
	US-6206826	03/27/2001	Mathews, H. et al.	06/18/1999
	US-6334068	12/25/2001	Hacker, D. C.	09/14/1999
	US-6760616	07/06/2004	Hoey, M. F., et al.	05/18/2001
BS	US-6902569	06/07/2005	Parmer, K. et al.	06/26/2003

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
BS	WO-03037170A3	05/08/2003	Miles, P., et al.	
BS	WO-05013805A3	02/17/2005	Miles, P., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BS		"Brackmann II EMG System", <u>Medical Electronics</u> , (1999), 4 pages	
		"Neurovision SE Nerve Locator/Monitor", <u>RLN Systems, Inc. Operators Manual</u> , (1999), 22 pages	
BS		"The Brackmann II EMG Monitoring System", <u>Medical Electronics Co. Operator's Manual Version 1.1</u> , (1995), 50 pages	

EXAMINER

Brian Smith

DATE CONSIDERED

5-8-06

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known	
Application Number	10/830,189
Filing Date	April 21, 2004
First Named Inventor	Kelleher, Brian
Group Art Unit	3736
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 028US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BS		"The Nicolet Viking IV", <u>Nicolet Biomedical Products</u> , (1999), 6 pages	
		ANDERSON, D. G., et al., "Pedicule screws with high electrical resistance: a potential source of error with stimulus-evoked EMG", <u>Spine</u> , 27(14), Department of Orthopaedic Surgery, University of Virginia, (Jul 15, 2002), 1577-1581	
		DANESH-CLOUGH, T., et al., "The use of evoked EMG in detecting misplaced thoracolumbar pedicle screws", <u>Spine</u> , 26(12), Orthopaedic Department, Dunedin Hospital, (Jun 15, 2001), 1313-1316	
		DARDEN, B. V., et al., "A comparison of impedance and electromyogram measurements in detecting the presence of pedicle wall breakthrough", <u>Spine</u> , 23(2), Charlotte Spine Center, North Carolina, (Jan 15, 1998), 256-262	
		EBRAHEIM, N. A., et al., "Anatomic relations between the lumbar pedicle and the adjacent neural structures", <u>Spine</u> , 22(20), Department of Orthopaedic Surgery, Medical College of Ohio, (Oct 15, 1997), 2338-2341	
		HAIG, "Point of view", <u>Spine</u> 27 (24), 2819	
		HAIG, A. J., et al., "The relation among spinal geometry on MRI, paraspinal electromyographic abnormalities, and age in persons referred for electrodiagnostic testing of low back symptoms", <u>Spine</u> , 27(17), Department of Physical Medicine and Rehabilitation, University of Michigan, (Sep 1, 2002), 1918-1925	
		HOLLAND, N. R., et al., "Higher electrical stimulus intensities are required to activate chronically compressed nerve roots. Implications for intraoperative electromyographic pedicle screw testing", <u>Spine</u> , 23(2), Department of Neurology, Johns Hopkins University School of Medicine, (Jan 15, 1998), 224-227	
BS		MINAHAN, R. E., et al., "The effect of neuromuscular blockade on pedicle screw stimulation thresholds", <u>Spine</u> , 25(19), Department of Neurology, Johns Hopkins University, School of Medicine, (Oct 1, 2000), 2526-2530	

Filed: November 10, 2005

EXAMINER

Brian Smith

DATE CONSIDERED

5-8-06

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) Applicant is to place a check mark here if English language translation is attached